

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010040.D
 Acq On : 16 Aug 2022 13:34
 Operator : KP/MD
 Sample : VY0816SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBL01

Quant Time: Aug 16 16:52:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	97198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	146770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	133670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48360	49.761	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.710	113	47470	49.874	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.740%
50) Toluene-d8	10.179	98	172510	48.989	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.980%
62) 4-Bromofluorobenzene	12.477	95	55006	44.473	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.940%

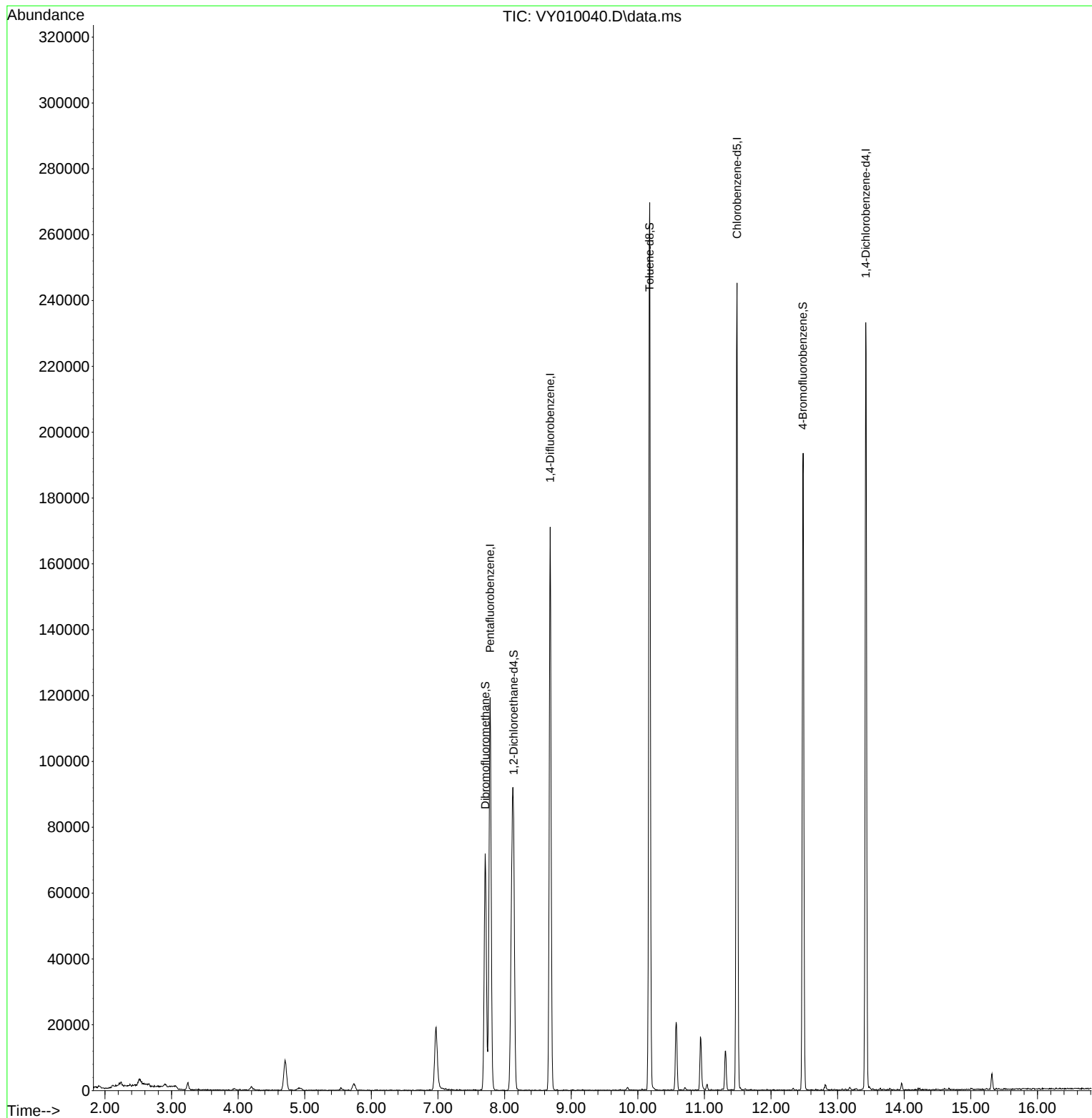
Target Compounds	Qvalue

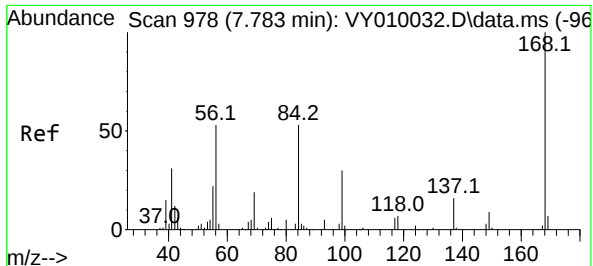
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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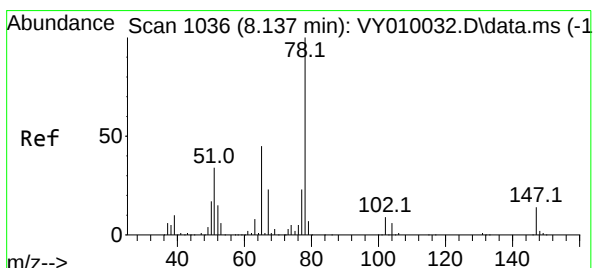
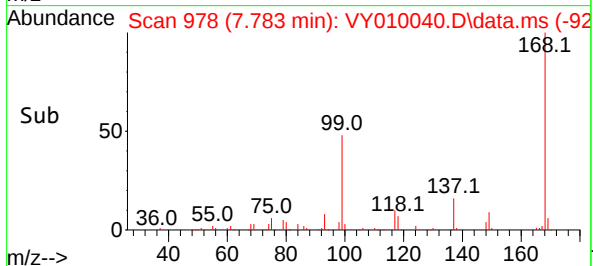
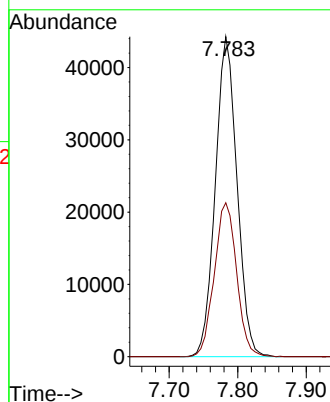
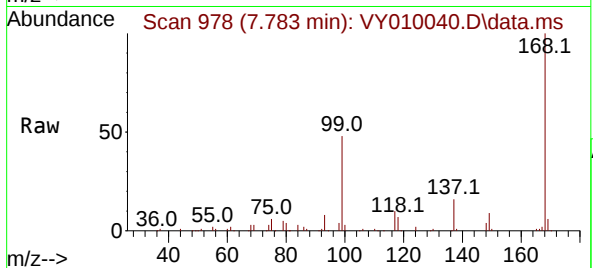




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010040.D
Acq: 16 Aug 2022 13:34

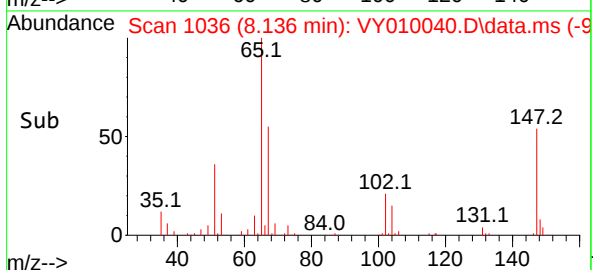
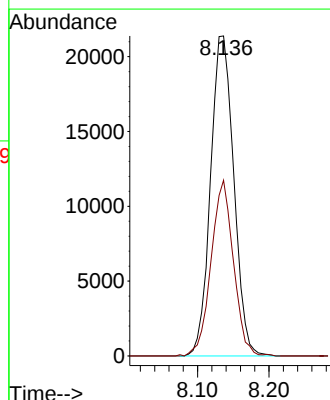
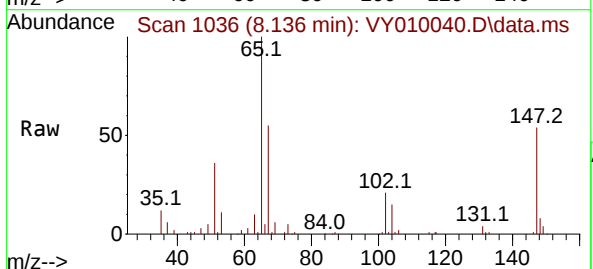
Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

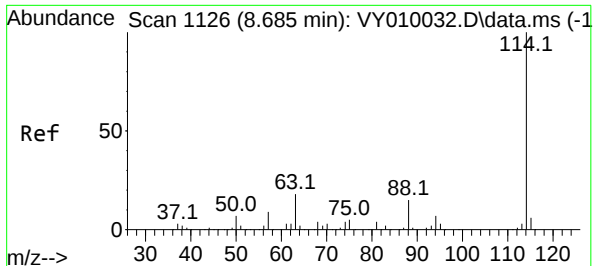
Tgt Ion:168 Resp: 97198
Ion Ratio Lower Upper
168 100
99 48.1 37.7 56.5



#33
1,2-Dichloroethane-d4
Concen: 49.761 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010040.D
Acq: 16 Aug 2022 13:34

Tgt Ion: 65 Resp: 48360
Ion Ratio Lower Upper
65 100
67 52.7 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY010040.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

VY0816SBL01

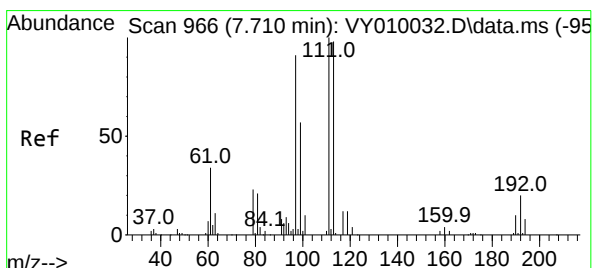
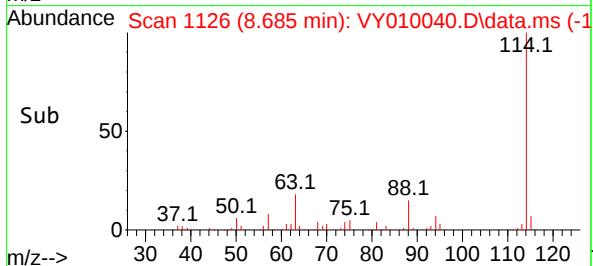
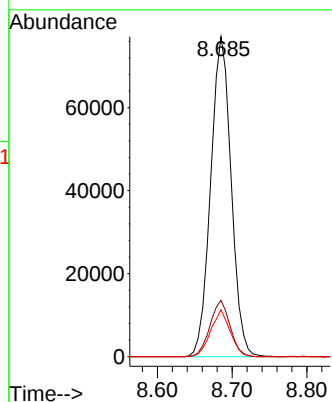
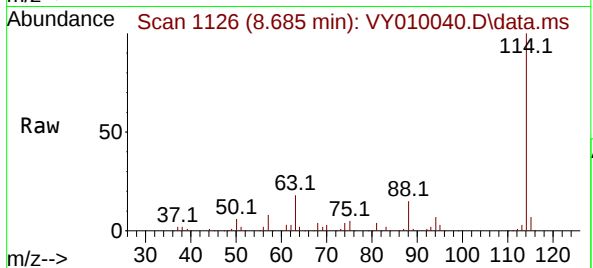
Tgt Ion:114 Resp: 146770

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.2

88 14.7 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.874 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010040.D

Acq: 16 Aug 2022 13:34

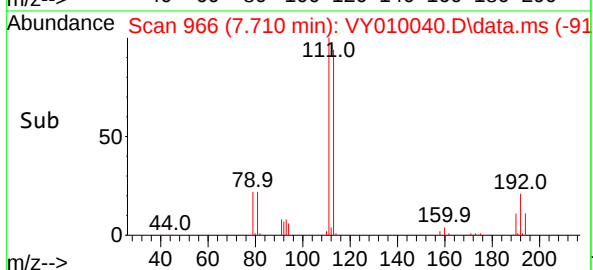
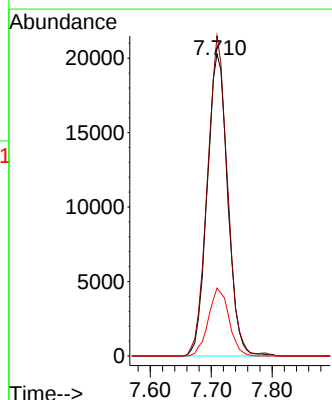
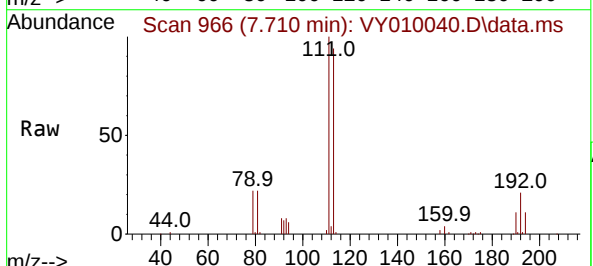
Tgt Ion:113 Resp: 47470

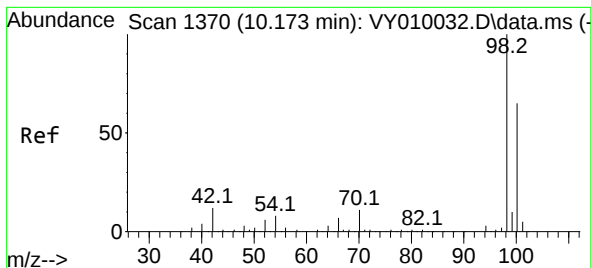
Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

192 22.5 17.2 25.8





#50

Toluene-d8

Concen: 48.989 ug/l

RT: 10.179 min Scan# 1370

Delta R.T. 0.006 min

Lab File: VY010040.D

Acq: 16 Aug 2022 13:34

Instrument :

MSVOA_Y

ClientSampleId :

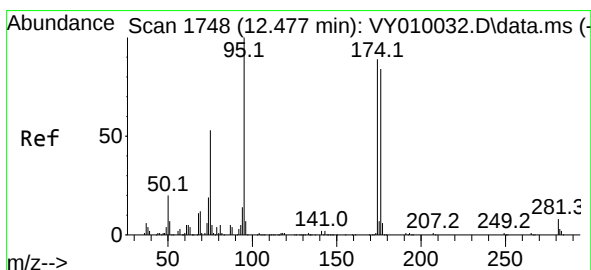
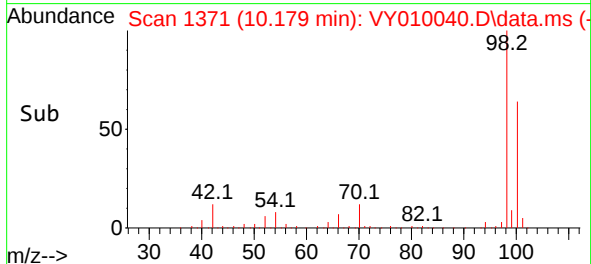
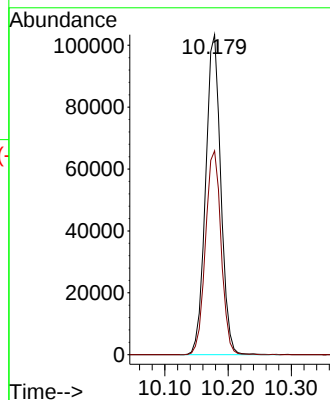
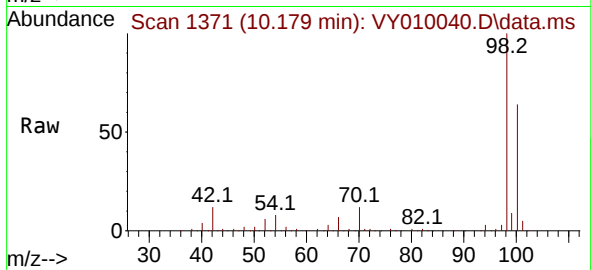
VY0816SBL01

Tgt Ion: 98 Resp: 172510

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 44.473 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY010040.D

Acq: 16 Aug 2022 13:34

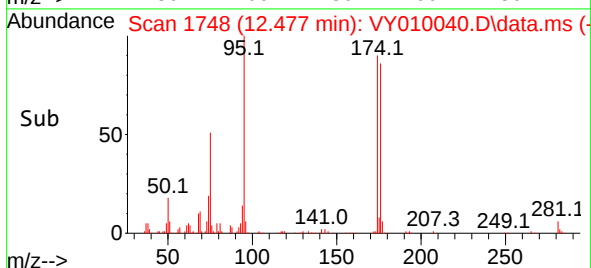
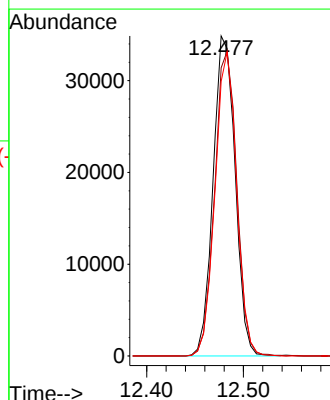
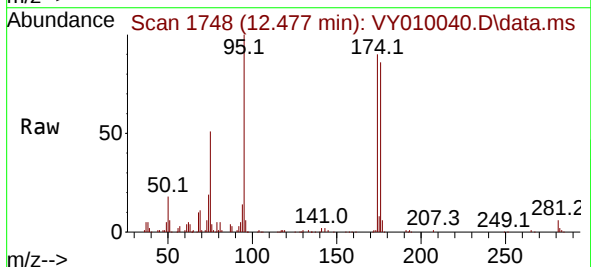
Tgt Ion: 95 Resp: 55006

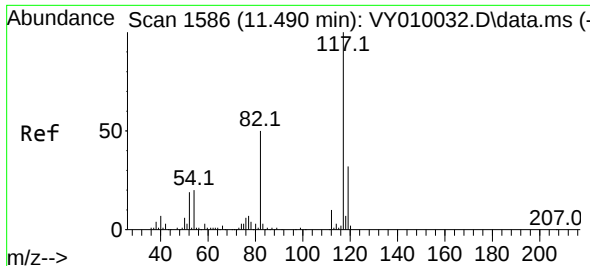
Ion Ratio Lower Upper

95 100

174 95.9 0.0 184.2

176 93.3 0.0 178.4

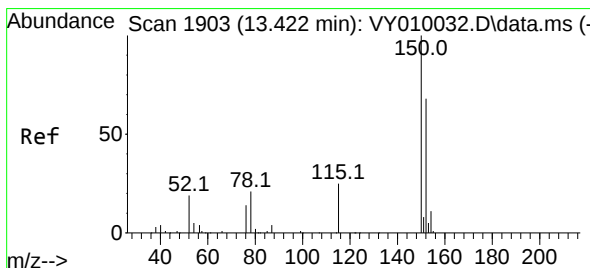
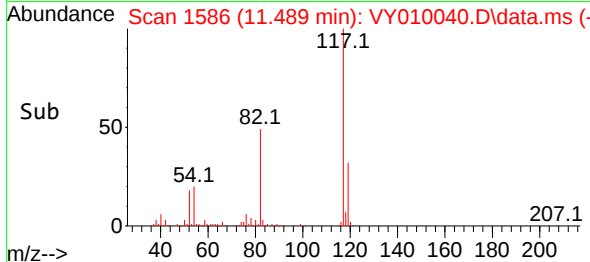
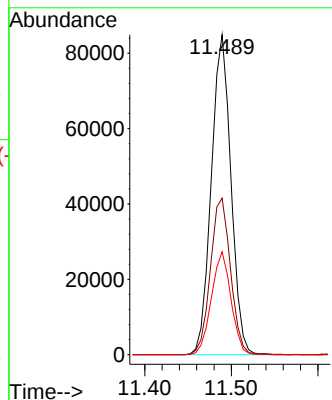
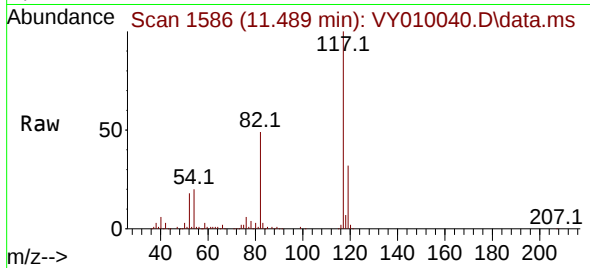




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY010040.D
Acq: 16 Aug 2022 13:34

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBL01

Tgt Ion:117 Resp: 133670
Ion Ratio Lower Upper
117 100
82 48.9 39.8 59.6
119 32.2 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010040.D
Acq: 16 Aug 2022 13:34

Tgt Ion:152 Resp: 62911
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.3
150 160.5 0.0 346.6

